



IN REPLY REFER TO:

MT-450

United States Department of the Interior

BUREAU OF RECLAMATION

Great Plains Region

Montana Area Office

P.O. Box 30137

Billings, Montana 59107-0137



July 9, 2014

FAXOGRAM: Water Order Change

To: Chief, Power Supply and Billing Division, WAPA, Watertown, South Dakota
Attention: F-6300
Chief, Power Dispatching Branch, WAPA, Loveland, Colorado
Attention: J-4120
Facilities Manager, Helena, Montana
Attention: MT-800, MT-810, MT-831
Project Manager, Mills, Wyoming
Attention: WY-4000, WY-4100, WY-6400
PPL Energy Plus, LLC, Butte, Montana
Attention: Resource Coordinator, Deb Mallowney

From: Reservoir and River Operations, Billings, Montana /S/ Stephanie Micek

Subject: **Canyon Ferry Water Release Order - CFR No. 14-39**

CURRENT RESERVOIR CONDITIONS:

Elevation: 3797.61; Storage: 1,912,276 acre-feet; River Release: 6,760 cfs; Inflow: 6,500 cfs;

GENERAL COMMENTS:

The Helena Valley Irrigation District has requested an increase in diversions to Helena Valley Reservoir. Also, Canyon Ferry Reservoir releases continue to evacuate storage out of the exclusive flood pool. In response, the following operation change is required at Canyon Ferry Dam and Powerplant.

CANYON FERRY RELEASES AND OPERATIONS: Times are Mountain Daylight Savings Time (MDST)

At 0900 hour on Thursday, July 10, 2014:

Decrease releases through the river outlet gates to 1,430 cfs.

Maintain releases through the spillway gates at 0 cfs.

Maintain turbine release at $\approx 4,900$ cfs ($\approx 1,303$ MW-Hrs/day using 90.2 cfs/mw).

Increase release for Helena Valley Project to 670 cfs (340 cfs pumped to Helena Valley and 330 cfs discharged to the Missouri River).

Decrease release to the Missouri River to 6,660 cfs.

Maintain total release from Canyon Ferry to 7,000 cfs.

Special Note: Maintain turbine releases at maximum powerplant capacity. If turbine release is more or less than shown above, increase or decrease releases through the river outlet gates to achieve a total release out of Canyon Ferry of 7,000 cfs.